

**1. AMENDMENT**

**1.1 IN THE SPECIFICATION:**

**At Page 1, lines 5-10, please amend as follows:**

The present application is a United States nationalization of PCT International Patent Application PCT/US2003/041249, filed December 24, 2003, which claims priority to first U.S. provisional application Serial No. 60/436,270, filed December 24, 2002, and to second U.S. provisional application Serial No. 60/456,774, filed March 21, 2003, the entire disclosures of which applications are specifically incorporated herein by reference without disclaimer. The U.S. Government owns rights in the present invention pursuant to grant number HL63792 from the National Institutes of Health.

**At Page 11, lines 32-34, please amend as follows:**

(e) (a) contacting a population of zebrafish blood cells with an effective amount of DiI-C<sub>18</sub> and identifying cells labeled by DiI-C<sub>18</sub>, thereby identifying immature zebrafish thrombocytes; or

**At Page 12, lines 1-4, please amend as follows:**

~~(d)~~ (b) contacting a population of mammalian, such as human or murine, blood cells with an effective amount of ethidium bromide and identifying cells labeled by ethidium bromide, thereby identifying immature mammalian platelets, such as immature human or murine platelets.